

IN THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Previously Presented) Sewage slurry ultrasonic apparatus for applying ultrasonic energy to sewage slurry, the apparatus comprising:

an applicator having an outwardly facing surface;

an extender which extends from the outwardly facing surface; and

at least one booster at the end of the extender remote from the applicator for boosting ultrasonic energy applied thereto to cause the applicator to oscillate,

wherein the applicator, extender and booster are integrally formed.

2. (Previously Presented) Sewage slurry ultrasonic apparatus according to claim 1, wherein the applicator has a central aperture defined by an inwardly facing surface.

3. (Previously Presented) Sewage slurry ultrasonic apparatus according to claim 2, wherein the inwardly facing surface oscillates when ultrasonic energy is applied to the apparatus.

4. (Previously Presented) Sewage slurry ultrasonic apparatus according to claim 1, wherein the integral applicator, extender and booster are formed from a rolled forged, or cast, material.

5. (Previously Presented) Sewage slurry ultrasonic apparatus according to claim 1, wherein the integral applicator, extender and booster are formed from metal.

6. (Previously Presented) Sewage slurry ultrasonic apparatus according to claim 5, wherein the metal is an alloy.

7. (Previously Presented) Sewage slurry ultrasonic apparatus according to claim 6, wherein the alloy is a titanium-containing alloy.

8. (Previously Presented) Sewage slurry ultrasonic apparatus according to claim 5, wherein the alloy is a titanium-aluminum-containing alloy.

9. (Previously Presented) Sewage slurry ultrasonic apparatus according to claim 8, wherein the alloy comprises titanium, aluminum, and vanadium in a molar ratio of 6:4:1.

10-20. (Canceled)